

**ISOLATED MOUNTING PLATE FOR OPTIMIZING DISC DRIVE SEEK
AND SETTLE TIMES**

Abstract of the Disclosure

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A device for increasing inertia of a disc drive mounted within a computer system, with the disc drive having a first inertia, is provided. The device comprises a mounting plate securable to the disc drive with the mounting plate having a second inertia. The second inertia of the mounting 10 plate being at least equal to the first inertia of the disc drive. At least one resilient compressible member is securable between the mounting plate and the computer system for isolating movement of the mounting plate relative to the computer system. A method for increasing the inertia of a disc drive mounted within a computer system is also provided.

10 9 8 7 6 5 4 3 2 1 0 -1 -2 -3 -4 -5 -6 -7 -8 -9 -10